

# DIAMOND TOOLS & MACHINES

**Coring, Sawing, Grinding, Crushing, Busting and Splitting**

**Ver. 1.2**





## WÜRTH INSIGHT



**WÜRTH Headquarters – Künzelsau, Germany**

- **More than 1,00,000 product line**
- **Total employees: > 71,000**
- **Over 3 million customers worldwide**
- **2016 sales: EUR 11.80 billion**
- **Standard & Poor's rating: A Stable**
- **Over 400 companies in more than 80 countries**



**We make connections worldwide**

## WUERTH INDIA

**Central Support Centre – Mumbai**

**Regional Support Centre – Delhi | Chennai | Kolkata**

**Over 960 employees working in every city to serve the customers**



Our product range includes products for Automotive Technology/Service Maintenance, Chemicals, Paints, Engine Oils, Adhesives/Abrasives, Cutting Devices, Fasteners, Furniture and Construction Fittings, Dowel Technology, Industrial Safety and much more.

## QUALITY AND SERVICES

By providing quality products and services, we want to "take the load off our customers 'back'", and also want to give them the opportunity to increase the productivity and efficiency through innovative solutions. This enables you to focus on your customers' needs, thereby increasing your success.

To ensure about the quality, we make no compromises, especially when it comes to selecting suppliers and when testing and approving Wuerth products. Wuerth strives for optimum quality in every market segment. Before we include products in our sales line, it is subjected to fatigue tests at our testing laboratory for days and sometimes even weeks under real-life conditions. In fact, most testing is carried out under tougher conditions that are seen in practice.

# TYROLIT

**TYROLIT is one of the world's leading manufacturers of grinding, cutting, drilling and dressing tools as well as machines for the construction industry.**

The family-owned company, which was founded in 1919 and is a member of the Swarovski Group, is based in Schwaz, Austria, and currently has over 4,200 employees at 27 production locations in 11 countries and on five continents. TYROLIT's Metal and Precision, Industrial Trade, Construction and Stone – Ceramics – Glass divisions manufacture 80,000 different products. They are offered to customers all over the world by 35 sales companies and additional distributors in 65 countries. TYROLIT products grind, cut and drill almost any material of any hardness using advanced technology from Tyrol. The experts at TYROLIT are known throughout the world for mastering a wide variety of challenges and are highly sought-after partners in the development of new and innovative solutions.

## A family-run company since 1919

As a member of the dynamic Swarovski Group, TYROLIT enjoys the independence it needs to successfully achieve long-term corporate goals. At TYROLIT, we strive to impress internal and external target groups, and to cultivate fair, lasting cooperation with them based on partnership. To this end, we continually optimise the quality of our products and services, and constantly adapt our business processes to the changing demands of the market. Investment in research and development, in training our employees and in technological improvements is an integral component of TYROLIT's company management. The introduction of global supply chain management ensures punctual delivery to customers around the globe. Since 1919, the sustainable handling of resources, the assurance of a safe working environment and compliance with legal requirements have contributed to the company's positive development.

TYROLIT provides its customers with cost-effective and "green" solutions in four business units. What's more, with its global sales network and a team of experienced application engineers, TYROLIT offers top-quality service.

## Business Areas



### AUTO

- Auto Repair Shops
- Car Dealers
- Body Shops
- Motorcycle Repair Shops
- Smash Repair Shops
- Auto Electricians



### METAL

- Metalworking Industry
- Fabrication Industry
- Maintenance, Repair & Operations
- Furniture Manufacturers
- Electrical Installations
- Turnery/Milling Shop



### CARGO

- OEM Dealers
- Authorized Workshops
- Multi-brand Workshops
- Forwarding Companies
- Transport Operators
- Body Building Units



### CONSTRUCTION

- Construction Companies
- Roofers
- Door & Window Frame Installation
- Furniture Manufacturers
- Interior Decorators & Painters
- Facade Builders



### HOSPITALITY

- Hotel Industry
- Hospitals
- Institutions
- Malls & Amusement Parks
- Corporate Office
- Airports



### PAINTS

- Body Shops
- OEM Dealers
- Multi Brand Workshops
- Body Building Units
- Industries



### TYROLIT

- Construction
- Manufacturing
- Refinery
- Power Plant
- Road Projects

# CORE DRILLING

## PRODUCT HIGHLIGHTS

### WET & DRY DRILLING SYSTEM

#### Advantage

- Perfectly attuned system components for both wet & dry drilling reinforced concrete
- Switchable soft impact speeds up work progress in hard materials
- Soft start electronics and warning LED for optimal drilling performance
- Practical centering aid allows for precise drill bit guidance

### CORE BITS TGD<sup>®</sup>

#### Advantages

- Specially Developed Premium Quality Segments
- New, intelligent segment geometry
- Increased drilling speed
- Outstanding product life

## CORE DRILL MOTORS



### DRS162 ★★

Up to Ø 162 mm  
Drill system  
incl. 2.5 kW drill motor  
Optimum Ø 127 mm



### DME22SU ★★

Up to Ø 180 mm  
2,2 kW  
3 gears



### DME20PW/PU ★★★

Up to Ø 180 mm  
2.0 kW  
3 gears



### DRS250 ★★

Up to Ø 250 mm  
2.5 kW, 2 Gears  
Optimum Ø 200 mm



### DME33MW/UW ★★★

Up to Ø 450 mm  
Optimum Ø 350 mm  
3,3 kW  
3 gears



### DME52UW ★★★

Up to Ø 500 mm  
Optimum Ø 400 mm  
5.2 kW, 3-Phase(400V)  
Water Cooled Motor



### DGB1000 ★★★

Drilling gearbox  
Up to Ø 1000 mm  
Hydraulic and electric



### GR700/GR1000

Up to Ø 700mm with GR700  
Up to Ø1000 mm with GR1000  
Hydraulic

## CORE DRILL BITS



### CD ★★★

CDL\*\*\* / CDL\*\*\*-C2 / CDM\*\*\*  
Ø 12 - 1000 mm  
TGD®-Technology from Ø 47mm



### CD ★★★ /★★★ /★

CD660\*\*\* / CD640\*\*\* / CD840\*\*\* /  
CDXM/H\*\*\* / B1\* / CDL/M\*\*  
Ø 32 - 500 mm  
roof segments



### DDE/DDL ★★★/★★/★

DDE/DDL\*\*\*-HH /\*\*\*-RM/\*\* /  
Ø 68 mm, 82mm/Ø 32 - 200 mm  
Rig mounted (RM) | handheld (HH)  
DDL\*\*\* in TGD®-Technology



### SCREW-ON CORE BIT

CDMS2\*\*\*  
For deep drilling applications

## CORE DRILL RIGS



### **DRA150 ★★**

Up to Ø 150 mm  
Clamping collar 60 mm  
Dowel foot



### **DRU160 ★★★**

Up to Ø 160 mm  
Clamping collar 60 mm  
Dowel | Vacuum



### **DRA/U250 ★★★**

Up to Ø 250 mm  
ModulDrill™  
Dowel | Vacuum



### **DRA/U400 ★★★**

Up to Ø 400 mm  
ModulDrill™  
Dowel | Vacuum



### **DRA500 ★★★**

Up to Ø 500 mm  
ModulDrill™  
Modularity with wire saw



### **BC-2**

Up to Ø 1000 mm  
2-column-guiding  
Modularity with wire saw

## Core Drill Accessories



### **ADAPTERS**

Adapters, extensions,  
sharpening plates etc.



### **FIXATION**

Distance plates,  
vacuum fixation



### **DDT ★★★**

Ø 5 - 75 mm

## Tile Drilling



### **TILE DRILLING SETS ★★★**

various sets available

# RING AND HAND SAWING

## PRODUCT HIGHLIGHTS

### HBE400 ★★☆☆



#### Advantages

- Powerful 3,2 kW electric motor with fully integrated electronics
- 405 mm saw blade with cutting depth of up to 150 mm
- Flush cutting function with optional accessories
- Integrated dust extraction connection for clean dry and wet cutting
- Electronic & thermic overload cut-out, PRCD
- Compact design & intelligent weight distribution

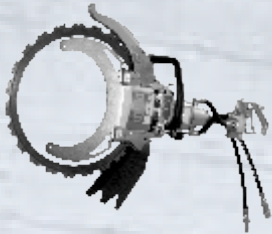
### HRE400 ★★☆☆



#### Advantages

- Light and compact
- Outstanding cutting depth of 317 mm
- Universal use
- Extremely reliable
- No more equipment needed due to electric use

## RING AND HAND SAW



### HRH500 ★★★

Up to Ø 500 mm  
Cutting depth up to 400 mm  
Hydraulic



### HRG500 ★★★

Up to Ø 500 mm  
Cutting depth up to 400 mm  
Petrol



### HRE400 ★★★

Up to Ø 406 mm  
Cutting depth up to 317 mm  
Electric 2,8 kW



### HBE400 ★★★

Up to Ø 405 mm  
Cutting depth up to 150 mm  
Electric 3,2 kW



### HBE350 ★★★

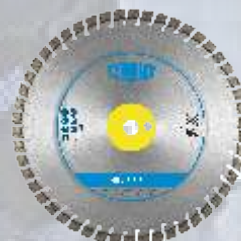
Up to Ø 355 mm  
Cutting depth up to 125 mm  
Electric 2,8 kW

## RING AND HAND SAW BLADES



### RS ★★★

RSL\*\*\* and RSM\*\*\*  
Ø 366 - 506mm



### HS ★★★

HSL\*\*\*, HSM\*\*\*, HSX\*\*\*  
Ø 405 - 534mm  
TGD®-Technology

# FLOOR SAWING

## PRODUCT HIGHLIGHTS

### FSD1274 ★★ ★ – 3-GEAR



#### Advantages

- Three gears for ideal rotational speeds and optimised lifetime
- Safe repositioning of the saw thanks to neutral position
- Automatic On/Off function for simplified handling and reduced cooling water consumption
- Hydraulic drive system for effortless and time-saving work

# FLOOR SAW BLADES

### FSX ★★ ★ – C3



#### Advantages

- Ideally suited for powerful floor cutters such as FSD1274\*\*\* 3-Gear
- Consistently fast cutting performance and noticeable smooth running
- Very long lifetime
- Special segment shape with a protective function to guard against premature steel blade wear
- With TGD® Technology

## FLOOR SAWS



### CC1200

Up to Ø 450 mm  
Cutting depth up to 170 mm  
10 kw  
Petrol



### CC1200 I

Up to Ø 450 mm  
Cutting depth up to 170 mm  
5 kw  
Electric



### FSG620 ★★

Up to Ø 600 mm  
Cutting depth up to 230 mm  
15 kW  
Petrol



### FSE811 ★★★

Up to Ø 800 mm  
Cutting depth up to 320 mm  
7,5 kW  
Electric



### FSD930

Up to Ø 900 mm  
Cutting depth up to 350 mm  
22 kW  
Diesel



### FSD1049 ★★★

Up to Ø 1000 mm  
Cutting depth up to 430 mm  
36 kW  
Diesel



### FSE1240 ★★

Bis Ø 1200 mm  
Cutting depth up to 480 mm  
30 kW  
Electric



### FSD1274 ★★★ -3-GEAR

Up to Ø 1200 mm  
Cutting depth up to 480 mm  
55 kW  
Diesel

## FLOOR SAW BLADES

### Cured concrete



### FS ★★★ -C

FSL\*\*\*, FSM\*\*\*, FSH\*\*\*, FSX\*\*\*-C3  
Ø 350 - 1200 mm  
TGD®-Technology



### FSC ★★★

Ø 300 - 800 mm  
For low powered machines

## FLOOR SAW BLADES

### Asphalt



#### FS★★★★-A

FSL\*\*\*-A, FSM\*\*\*-A, FSH\*\*\*-A  
Ø 300 – 1200 mm



#### FSA★★★★

Ø 300 – 800 mm  
2 stages

### Green concrete



#### FS★★★★-G

FSL\*\*\*-G3/G4 | FSM\*\*\*-G3/G4/G5  
Ø 300 – 600 mm



#### CHAMFERING

For various widths of joints

## POWER PACKS



#### PPH20★★

20 kW  
2 stages



#### PPH25★★

25 kW  
2 stages



#### PPH25RR★★

25 kW  
4 stages  
Radio remote control



#### PPH40RR★★★★

40 kW  
4 stages  
Radio remote control

### Presses



#### CP-110/BTH350 POWER★★★★

Pressing force 108 / 260 t  
3 / 2 cylinder strokes



#### POWER PACK AU

Up to 2000 bar

### Crushers



#### CRUSHER BZ

For wall thickness 120 – 300 mm



#### POWER PACK BW-2

Up to 750 bar

# WALL SAWING

## PRODUCT HIGHLIGHTS

**WSE1621 ★★ ★**

### Advantages

- Digital features and the compact & light design
- Tool-free motor fastening.
- The radio remote control comes with a display informing the user about all important details during cutting.
- The game-changing P2® Technology allows for outstanding reliability combined with optimized power, resulting in reduced service costs.
- Ultra light and sturdy blade guard

## WALL SAW BLADES

**TGD® BLADES**

### Advantages

- Ideally suited for TYROLIT Hydrostress machines
- SILENT version reduces the noise level by 50%
- TGD® Technology for a constant and smooth cutting of reinforced concrete
- Segment widths from 3,9 mm to 4,4 mm (according to application)

## WALL SAWING



### WSE811 ★★★★★ MKII

Up to Ø 825 mm  
9 kW (P2®-Technology)  
Electric



### WSE1621 ★★★★★

Up to Ø 1600 mm  
20 kW (P2®-Technology)  
Electric



### WSE2226 ★★★★★

Up to Ø 2200 mm  
26 kW (P2®-Technology)  
Electric



### DZ-S2

Up to Ø 1200 mm  
Ideal for 20 kW power pack  
Hydraulic



### WZ

Up to Ø 1600 mm  
Ideal for 25 kW power pack  
Hydraulic



### FZ-4S

Up to Ø 2200 mm  
Ideal for 40 kW power pack  
Hydraulic



### WSE1621P ★★★★★

20 kW (P2®-Technology)  
Electric 400V/ 50 Hz  
21 Kg



### WSE2226 ★★★★★ P

26 kW (P2®-Technology)  
Electric 400V/ 50 Hz  
26 Kg

## WALL SAW BLADES



### WS ★★★★★

WSL\*\*\*, WSL\*\*\*-SILENT, WSM\*\*\*  
Ø 450 - 1200 mm  
TGD®-Technology



### WS ★★★★★

WSL\*\*, WSM\*\*, WSM\*\*-Deep Cut  
Ø 600 - 2200 mm  
TGD®-Technology up to: 1200mm  
(Deep Cut excepted)

## WALL SAW ACCESSORIES



### RAILS

Aluminium rails  
Steel rails



### TRESTLES & STOPPER

Swivel rail trestles,  
stopper



### BLADE GUARD

Blade guard All-In-One



### BLADE GUARD

AIO 1200CL for WSE2226\*\*\*

## WIRE SAWING



### SK-SD

Gross wire length 10,8 m  
Hydraulic



### WCE/H14 ★★★

Gross wire length 14,2 m  
Electric and hydraulic



### WCU17 ★★★

Gross wire length 17 m  
Electric and hydraulic



### SB-E | SB

Gross wire length 15,5 m  
Electric and hydraulic

## Wire saw accessories



### CCE/H25 ★★★

Circular wire saw, Ø 500 - 2500 mm  
Electric and hydraulic



### HAND PRESS

80 kN  
Hydraulic



### CONNECTORS

Cardanic and  
repair connectors



### PLUNGE ASSEMBLY

Equipment for cutting a cube  
out of concrete foundations

## DIAMOND WIRE

### Concrete



### DW ★★★-C

DWM\*\*\*-C / DWL\*\*\*-CF  
For concrete  
Electroplated and sintered  
Ø 10,2 und 8,5 / 11 mm



### DW ★★-C

DWM\*\*-C / DWL\*\*-C  
For concrete  
Electroplated and sintered  
Ø 10 / 11 mm

### Steel



### DWH ★★★-S/SL

For steel / non-ferrous metals  
Electroplated, also as loops  
Ø 11 mm



### DWM ★★★-S/SL

For steel  
Electroplated, also as loops  
Ø 10,2 mm

# TABLE SAWING

## PRODUCT HIGHLIGHTS

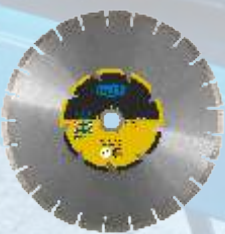
**TSH ★★★★★ / TSH ★★★★★ - SILENT**



### Advantages

- Maximum performance
- Increased segment width for a longer product life
- Specially developed for hard materials
- SILENT version reduces noise by 50%

## TABLE SAW BLADES



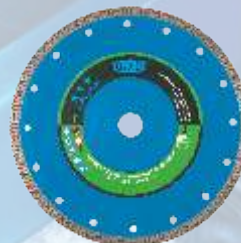
### UNIVERSAL

TSU\*\*\* / TSU\*\*\* - Silent  
Ø 250 - 1000 mm



### TSH★★★★

TSH\*\*\* / TSH\*\*\* - Silent  
Ø 300 - 350 mm



### TILES

DCT\*\*\*  
Ø 180 - 350 mm



### MARBLE

ES-T\*\*\*  
Ø 250 - 350 mm

## TABLE SAWS



### TRE250 ★★★

Tile saw  
Up to Ø 250 mm  
Cutting length 1050 mm



### TBE350 ★★

Masonry saw  
Up to Ø 350 mm  
Swivelling saw head



### TME700 ★★★

Masonry saw  
Up to Ø 700 mm  
Mitre stop



### TME1000 ★★★

Masonry saw  
Up to Ø 1000 mm  
Mitre stop

## FLOOR GRINDING



### FGE250 ★★★

Grinding width 250 mm  
1,5 & 2,2 kW  
Single grinding head



### FGE400 ★★★

Grinding width 400 mm  
4 kW  
Single grinding head



### FGE450 ★★★

Grinding width 450 mm  
1,5 & 2,2 kW  
3 grinding heads



### FGE530 ★★★

Grinding width 530 mm  
4 kW  
3 grinding heads

## FLOOR GRINDING ACCESSORIES



### REMOVAL

GT0\*\*\* and GT1\*\*\*  
Removal



### GRINDING

GT2\*\*\* and GT3\*\*\*  
Grinding



### DUST COLLECTION SYSTEM

VCE2500D\*\*\*  
2,2 kW



### DUST COLLECTION SYSTEM

VCE4000D\*\*\*  
4 kW

## DRY CUTTING SAW BLADES



### UNIVERSAL

DCU\*\*\* 4in1

Ø 230 - 400 mm

TGD®-Technology



### UNIVERSAL

DCU\*\*\*/\*\*/\*

Also in FC, FC 4in1, Silent

Ø 105 - 450 mm



### HARD STONE

DCH\*\*\*

Ø 230 - 400 mm

TGD®-Technology



### HARD STONE

DCH\*\*\*/\*

Also in FC

Ø 115 - 400 mm



### CONCRETE

DCC\*\*\*/\*\*

Also in FC, LL

Ø 115 - 400 mm



### TILES & MARBLE

DCT\*\*\*/\*, DCM\*\*\*

Ø 100 - 350 mm



### ABRASIVE

DCA\*\*\*/\*\*/\*, DCA+C\*\*\*, DCAB\*\*\*/\*

Also in 2 in 1

Ø 115 - 450 mm



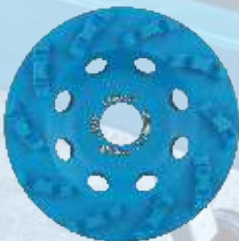
### DGBM / H / X

Brick grinder for hollow bricks

Ø 500 - 900 mm

TGD®-Technology

## Cup grinder



### DGU ★★★ UNIVERSAL

DGU\*\*\* / DGU\*\*\* Turbo

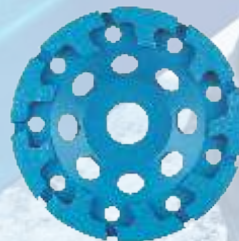
Ø 100 - 180 mm



### DGU★★ UNIVERSAL

DGU\*\* single row / double row,  
DGU\*\* Turbo, DGU\*\*-T Continuous,  
DGU\*\*-FC L-Segment,

Ø 100 - 180 mm



### DG★★

DGAB\*\*/ DGC\*\* /

DGH\*\* T-Segment

Ø 100 - 180 mm



### DCCI ★★★ COMBI

VCE4000D\*\*\*

4 kW





# DIAMOND TOOLS & MACHINES

## WUERTH INDIA PVT. LTD.

### Central Support Centre:

**Mumbai:** 703/704, Windfall, Sahar Plaza Complex,  
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### Regional Support Centre:

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